

Dichroic Color Filters

- DCF Series

PHOTONIK ^{hv}

Ordering Information:

P/N: DCF-MODEL-AOI-DIAMETER
(e.g. DCF-BLUE-45°-1")

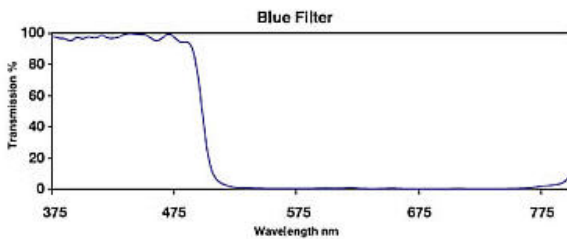


General Specifications:

Substrate Material:	BK7 Glass
Surface Quality:	40-20 scratch and dig
Diameter:	Ø0.5", Ø1", Ø2" typ. (+ 0.00mm, - 0.10mm)
Thickness:	2mm typ. (± 0.10mm)
Coating Technology:	Electron beam multilayer dielectric
Clear Aperture:	Exceeds central 90% of dimension
Damage Threshold:	1MW/cm ² CW, 5J/cm ² (10ns Pulse)
Angle of Incidence:	0° / 45° typ.

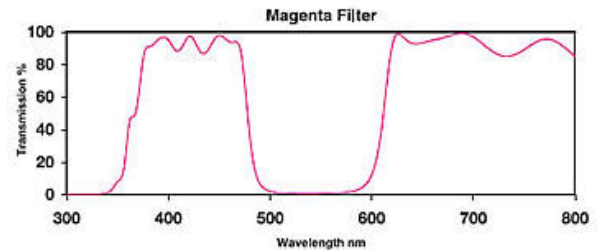
Blue Filter (MODEL: BLUE)

T>85% avg., 390-480nm
T<1% avg., 540-750nm
Cut-off: 505 ±15nm



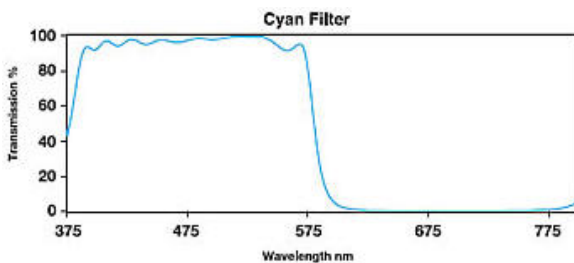
Magenta Filter (MODEL: MAGENTA)

T>75% avg., 395-440nm and 645-750nm
T<1% avg., 500-590nm



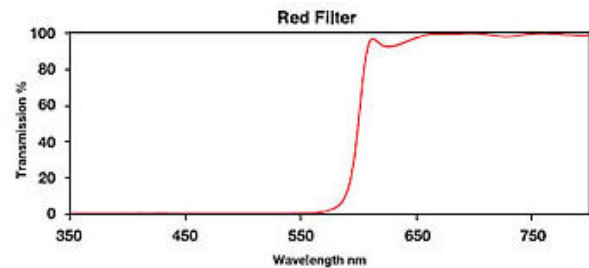
Cyan Filter (MODEL: CYAN)

T>85% avg., 390-530nm
T<1% avg., 585-710nm
Cut-off: 555 ±15nm



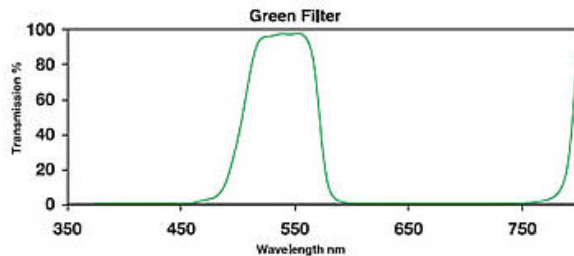
Red Filter (MODEL: RED)

T>75% avg., 615-730nm
T<1% avg., 380-550nm
Cut-off: 585 ±15nm



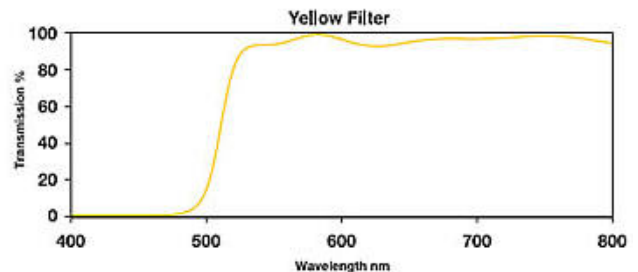
Green Filter (MODEL: GREEN)

T>70% @peak
T<1% avg., 400-460nm
Low Edge: 505nm ±15nm; High Edge: 575 ±15nm



Yellow Filter (MODEL: YELLOW)

T>85% avg., 550-750nm
T<1% avg., 410-475nm
Cut-off: 515 ±15nm



Contact Information:

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